

CLAIMS

What is claimed is:

1. A device for preparing ends of pipes for joining said pipes to one another end to end, said device comprising:

a body having a receptacle therein sized to receive the end of one of said pipes; and

a first marking tool mounted on said body, said first marking tool having a first contact surface positioned so as to engage said pipe upon insertion of said pipe within said receptacle, said first contact surface being adapted to create a witness mark on said pipe upon rotation of said body and said pipe relatively to one another.

2. A device according to Claim 1, wherein said first marking tool comprises a scoring tool adapted to create a circumferential groove around said pipe.

3. A device according to Claim 1, wherein said first marking tool is mounted on said body such that said contact surface projects into said receptacle.

4. A device according to Claim 1, further comprising a second marking tool mounted on said body, said second marking tool being offset from said first marking tool in a direction lengthwise along said pipe, said second marking tool having a second contact surface positioned so as to engage said pipe upon insertion of said pipe within said receptacle, said second marking tool being adapted to create a second

witness mark on said pipe upon rotation of said body and said pipe relatively to one another.

5. A device according to Claim 4, wherein said first and second marking tools are mounted on said body such that said first and second contact surfaces project into said receptacle.

6. A device according to Claim 4, wherein said first and second marking tools each comprise first and second scoring tools adapted to create first and second circumferential grooves around said pipe.

7. A device according to Claim 2, wherein said scoring tool comprises a ball having a greater hardness than said pipe, said ball having a surface comprising said first contact surface.

8. A device according to Claim 7, further comprising a biasing member positioned between said ball and said body, said biasing member biasing said ball into engagement with said pipe.

9. A device according to Claim 1, further comprising:

a second receptacle positioned within said body, said second receptacle being sized to receive the end of one of said pipes; and

a second marking tool mounted on said body, said second marking tool having a second contact surface positioned so as to engage said pipe upon insertion of said pipe within said second receptacle, said second contact surface being adapted to create a

witness mark on said pipe upon rotation of said body and said pipe relatively to one another.

10. A device according to Claim 9, wherein said first and second receptacles are substantially coaxially aligned.

11. A device according to Claim 9, wherein said first receptacle is sized to receive one of said pipes having a first diameter and said second receptacle is sized to receive another of said pipes having a second diameter different from said first diameter.

12. A device according to Claim 1, further comprising a cutting blade mounted on said body, said cutting blade having a cutting edge extending into said receptacle and positioned to engage the end of said pipe received within said receptacle, said cutting edge being oriented relatively to said pipe so as to create a chamfer on the end thereof upon rotation of said body and said pipe relatively to one another.

13. A device according to Claim 1, further comprising an elongated shaft mounted on said body, said shaft being oriented substantially coaxially with said receptacle, said body being rotatable upon rotation of said shaft.

14. A device according to Claim 13, where said shaft has a polygonal cross-sectional shape.

15. A device according to Claim 13, wherein said shaft extends outwardly from said receptacle.

16. A device for preparing ends of pipes for joining said pipes to one another end to end, said device comprising:

a body having a receptacle therein sized to receive the end of one of said pipes;

a first tool mounted on said body and positioned so as to engage said pipe upon insertion of said pipe within said receptacle; and

an elongated shaft mounted on said body, said shaft being oriented substantially coaxially with said receptacle, said body being rotatable relatively to said pipe upon rotation of said shaft.

17. A device according to Claim 16, where said shaft has a polygonal cross-sectional shape.

18. A device according to Claim 16, wherein said shaft extends outwardly from said receptacle.

19. A device according to Claim 16, wherein said first tool comprises a marking tool mounted on said body, said marking tool having a contact surface engageable with said pipe and adapted to create a witness mark on said pipe upon rotation of said body and said pipe relatively to one another.

20. A device according to Claim 19, wherein said marking tool comprises a scoring tool adapted to create a circumferential groove around said pipe.

21. A device according to Claim 20, wherein said scoring tool comprises a ball having a greater hardness than said pipe, said ball having a surface comprising said first contact surface.

22. A device according to Claim 16, wherein said first tool comprises a cutting blade mounted on said body, said cutting blade having a cutting edge extending into said receptacle and positioned to engage the end of said pipe received therein, said cutting edge being oriented relatively to said pipe so as to create a chamfer on the end thereof upon rotation of said body and said pipe relatively to one another.

23. A device according to Claim 16, further comprising:

a second receptacle positioned within said body, said second receptacle being sized to receive the end of one of said pipes; and

a second tool mounted on said body and positioned so as to engage said pipe upon insertion of said pipe within said second receptacle.

24. A device according to Claim 23, wherein said first and second receptacles are substantially coaxially aligned.

25. A device according to Claim 23, wherein said first receptacle is sized to receive one of said pipes having a first diameter and said second receptacle is sized to receive one of said pipes having a second diameter different from said first diameter.

26. A device according to Claim 23, wherein said second tool comprises a scoring tool mounted on said body, said scoring tool having a contact surface creating a circumferential groove around said pipe received within said second receptacle upon rotation of said body and said pipe relatively to one another.

27. A device according to Claim 23, wherein said second tool comprises a cutting blade mounted on said body, said cutting blade having a cutting edge extending into said second receptacle and positioned to engage the end of said pipe received therein, said cutting edge being oriented relatively to said pipe so as to create a chamfer on the end thereof upon rotation of said body and said pipe relatively to one another.

28. A device according to Claim 24, wherein said shaft extends substantially coaxially through both said first and said second receptacles.

29. A device for placing a witness mark on ends of pipes using a marking tool, said device comprising:
a body having a receptacle therein sized to receive the end of one of said pipes; and
an aperture extending through said body and into said receptacle, said aperture being adapted to receive said marking tool, said marking tool being insertable through said aperture and into said receptacle for contact with said pipe end received therein, said marking tool being adapted to create a witness mark on said pipe upon rotation of said body and said pipe relatively to one another.

30. A device according to Claim 29, further including said marking tool in combination with said body.

31. A device according to Claim 29, wherein said marking tool comprises a writing implement.

32. A device according to Claim 29, wherein said marking tool comprises a stylus having a tip adapted to engage said pipe and form a circumferential groove therearound.

33. A pipe having an outer surface and an end, said pipe comprising a pair of circumferential grooves in said surface, said grooves being positioned adjacent to one another and in spaced relation to said end of said pipe.